

**Safety data sheet**  
according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

Revision: 01.06.2025

**SECTION 1: Identification of the substance/mixture and of the company/  
undertaking**

- **1.1 Product identifier**
- **Trade name: Spal Pro RS-88 Part A Polyol**
- **UFI: T110-803C-C008-SK8R**
- **1.2 Relevant identified uses of the substance or mixture and uses advised against**  
No further relevant information available.
- **Application of the substance / the mixture** Two-component adhesive
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
**Manufacturer/Supplier:**  
METZGER/McGUIRE  
Postal Address:  
PO Box  
Concord, NH 03302  
U.S.A.  
Shipping address:  
807 Route 3-A  
Bogen, NH 03304  
U.S.A.  
Phone: 603-224-6122  
Freephone: 800-223-6680  
E-Mail: info@metzgermcguire.com
- **Importer:**  
Dr. Schulze GmbH  
Bollenberg 10  
D-57234 Wilnsdorf  
Germany  
Phone +49 (0) 2737/5953-0  
www.dr-schulze.de  
info@dr-schulze.de
- **Informing department:**  
info@dr-schulze.de  
Tel. +49 (0) 2737/5953-0
- **1.4 Emergency telephone number:**  
ChemTel Inc.  
(800)255-3924 (North America)  
+1 (813)248-0585 (International)

**SECTION 2: Hazards identification**

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**



GHS09 environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.

(Contd. on page 2)

EU

# Safety data sheet

## according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

Revision: 01.06.2025

**Trade name: Spal Pro RS-88 Part A Polyol**

(Contd. from page 1)



GHS07

Skin Sens. 1      H317 May cause an allergic skin reaction.

· **2.2 Label elements**

· **Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

· **Hazard pictograms**



GHS07 GHS09

· **Signal word** Warning

· **Hazard-determining components of labelling:**

4,4'-methylenebis[N-sec-butylaniline]

· **Hazard statements**

H317 May cause an allergic skin reaction.

H411 Toxic to aquatic life with long lasting effects.

· **Precautionary statements**

P261      Avoid breathing mist/vapours/spray.

P273      Avoid release to the environment.

P280      Wear protective gloves.

P302+P352 IF ON SKIN: Wash with plenty of water.

P501      Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Additional information:**

Please refer to further labelling elements in section 15 of this safety data sheet, if applicable.

Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

Restricted to professional users.

· **2.3 Other hazards**

· **Results of PBT and vPvB assessment**

· **PBT:** Not applicable.

· **vPvB:** Not applicable.

· **Determination of endocrine-disrupting properties**

The product does not contain substances with endocrine disrupting properties.

### SECTION 3: Composition/information on ingredients

· **3.2 Mixtures**

· **Description:** Mixture of the substances listed below including additives not requiring identification.

(Contd. on page 3)

# Safety data sheet

## according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

Revision: 01.06.2025

**Trade name: Spal Pro RS-88 Part A Polyol**

(Contd. from page 2)

· <b>Dangerous components:</b>		
CAS: 13463-67-7 EINECS: 236-675-5 Index number: 022-006-00-2 Reg.nr.: 01-2119489379-17-X	titanium dioxide ☠ Carc. 2, H351	2.5 - 10%
CAS: 5285-60-9 EINECS: 226-122-6	4,4'-methylenebis[N-sec-butylaniline] ☠ STOT RE 2, H373; ☠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ☠ Acute Tox. 4, H302; Skin Sens. 1, H317	≥ 2.5 - < 10%
CAS: 872-50-4 EINECS: 212-828-1 Index number: 606-021-00-7 Reg.nr.: 01-2119472430-46-X	N-methyl-2-pyrrolidone ☠ Repr. 1B, H360D; ☠ Skin Irrit. 2, H315; Eye Irrit. 2, H319; STOT SE 3, H335 Specific concentration limit: STOT SE 3; H335: C ≥ 10 %	≤ 0.1%

· **SVHC**

872-50-4 | N-methyl-2-pyrrolidone

· **Additional information**

The product contains titanium dioxide, which is suspected to cause cancer if inhaled. This classification is linked to the powder form of this substance. In the present product titanium dioxide is present in a form that excludes emission as dust. When used as intended, a health hazard can be excluded under foreseeable conditions.

For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

· **4.1 Description of first aid measures**

· **General information** Instantly remove any clothing contaminated by the product.

· **After inhalation**

Supply fresh air and call for doctor for safety reasons.

In case of unconsciousness bring patient into stable side position for transport.

· **After skin contact**

In case of permanent aches and pains please go and see the doctor.

Instantly wash with water and soap and rinse thoroughly.

· **After eye contact**

Rinse opened eye for several minutes under running water.

Remove contact lenses if possible.

In case of permanent aches and pains please go and see the doctor.

· **After swallowing** Do not induce vomiting without medical advice.

· **Information for doctor** Point out to ingredients (see section 3).

· **4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

· **After skin contact:**

skin irritation

Allergic reactions

· **4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

-EU-

(Contd. on page 4)

# Safety data sheet

## according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

Revision: 01.06.2025

**Trade name: Spal Pro RS-88 Part A Polyol**

(Contd. from page 3)

### **SECTION 5: Firefighting measures**

- **5.1 Extinguishing media**
- **Suitable extinguishing agents**  
Alcohol-resistant foam, extinguishing powder or carbon dioxide. Fight larger fire with water spray. Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agents** Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture**  
During incomplete combustion carbon monoxide can be formed.  
Can be released in case of fire:  
Nitrogen oxides (NO<sub>x</sub>)
- **5.3 Advice for firefighters**
- **Protective equipment:**  
Wear full protective suit.  
Wear self-contained breathing apparatus.
- **Additional information**  
Collect contaminated fire fighting water separately. It must not enter drains. Provide sufficient fire fighting water retention.  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### **SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **For non-emergency personnel**  
Avoid contact with the product.  
Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering.
- **For emergency responders** Put on suitable personal protective equipment.
- **6.2 Environmental precautions:**  
Inform respective authorities in case product reaches water or sewage system.  
Do not allow to enter drainage system, surface or ground water.
- **6.3 Methods and material for containment and cleaning up:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders).  
Dispose of the material collected according to regulations.  
Ensure adequate ventilation.
- **6.4 Reference to other sections**  
See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal.

### **SECTION 7: Handling and storage**

- **7.1 Precautions for safe handling**  
Ensure good ventilation/exhaustion at the workplace.  
Prevent formation of aerosols.  
Do not inhale gases/vapours/aerosols.  
Avoid contact with eyes, skin and clothes.  
Wear suitable protective clothing.
- **Information about protection against explosions and fires:**  
Store it away from ignition sources or open fire.
- **Handling**  
Do not eat, drink or smoke while working.

(Contd. on page 5)

# Safety data sheet

## according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

Revision: 01.06.2025

**Trade name: Spal Pro RS-88 Part A Polyol**

(Contd. from page 4)

Avoid contact with the eyes and skin.  
Do not inhale gases / fumes / aerosols.  
Wash hands during breaks and at the end of the work.

- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and containers:** Store only in the original container.
- **Information about storage in one common storage facility:**  
Keep away from strongly acidic or alkaline materials and oxidising agents.  
Keep away from food, drink and animal feeding stuffs.
- **Further information about storage conditions:**  
Store in a locked cabinet or with access restricted to technical experts or their assistants.
- **7.3 Specific end use(s)** No further relevant information available.

### SECTION 8: Exposure controls/personal protection

- **8.1 Control parameters**
- **Components with limit values that require monitoring at the workplace:**  
WEL: workplace exposure limit  
OEL: Occupational Exposure Limit  
BOELV: Binding Occupational Exposure Limit Values  
IOELV: Indicative Occupational Exposure Limit Values, workplace threshold value of the European Union

#### 13463-67-7 titanium dioxide

WEL (Great Britain)	Long-term value: 10* 4** mg/m <sup>3</sup> *total inhalable **respirable
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#### 1333-86-4 Carbon black

WEL (Great Britain)	Short-term value: 7 mg/m <sup>3</sup> Long-term value: 3.5 mg/m <sup>3</sup>
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#### 872-50-4 N-methyl-2-pyrrolidone

BOELV (European Union)	Short-term value: 80 mg/m <sup>3</sup> , 20 ppm Long-term value: 40 mg/m <sup>3</sup> , 10 ppm Skin
IOELV (European Union)	Short-term value: 80 mg/m <sup>3</sup> , 20 ppm Long-term value: 40 mg/m <sup>3</sup> , 10 ppm Skin
WEL (Great Britain)	Short-term value: 80 mg/m <sup>3</sup> , 20 ppm Long-term value: 40 mg/m <sup>3</sup> , 10 ppm Sk

- **DNELs**

#### 13463-67-7 titanium dioxide

Inhalative	DNEL (worker, long-term, local)	1.25 mg/m <sup>3</sup> (human)
	DNEL (consumer, long-term, local)	0.21 mg/m <sup>3</sup> (human)

#### 5285-60-9 4,4'-methylenebis[N-sec-butylaniline]

Oral	DNEL (consumer, short-term, systemic)	0.125 mg/kg bw/day
	DNEL (consumer, long-term, systemic)	0.125 mg/kg bw/day
Dermal	DNEL (worker, long-term, systemic)	0.208 mg/kg bw/day
	DNEL (consumer, long-term, systemic)	0.125 mg/kg bw/day
Inhalative	DNEL (worker, long-term, systemic)	7.3 mg/m <sup>3</sup>

(Contd. on page 6)

## Safety data sheet

### according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

Revision: 01.06.2025

**Trade name: Spal Pro RS-88 Part A Polyol**

(Contd. from page 5)

	DNEL (consumer, long-term, systemic)	2.2 mg/m <sup>3</sup>
<b>872-50-4 N-methyl-2-pyrrolidone</b>		
Oral	DNEL (consumer, long-term, systemic)	0.85 mg/kg bw/day (human)
Dermal	DNEL (worker, long-term, systemic)	4.8 mg/kg bw/day (human)
	DNEL (consumer, long-term, systemic)	2.4 mg/kg bw/day (human)
Inhalative	DNEL (worker, short-term, systemic)	40 mg/m <sup>3</sup> (human)
	DNEL (worker, long-term, systemic)	14.4 mg/m <sup>3</sup> (human)
	DNEL (consumer, short-term, systemic)	80 mg/m <sup>3</sup> (human)
	DNEL (consumer, long-term, systemic)	3.6 mg/m <sup>3</sup> (human)
	DNEL (worker, long-term, local)	40 mg/m <sup>3</sup> (human)
	DNEL (consumer, long-term, local)	4.5 mg/m <sup>3</sup> (human)

- **PNECs**

**5285-60-9 4,4'-methylenebis[N-sec-butylaniline]**

PNEC aqua (freshwater)	0.000187 mg/L
PNEC aqua (marine water)	0.000019 mg/L
PNEC STP - Sewage Treatment Plant	23.2 mg/L
PNEC soil	0.411 mg/kg soil dw
PNEC sediment (freshwater)	2.06 mg/kg sedim. dw
PNEC sediment (marine water)	0.21 mg/kg sedim. dw
PNEC oral	1 mg/kg food

**872-50-4 N-methyl-2-pyrrolidone**

PNEC aqua (freshwater)	0.25 mg/L (.)
PNEC aqua (marine water)	0.025 mg/L (.)
PNEC STP - Sewage Treatment Plant	10 mg/L (.)
PNEC soil	0.07 mg/kg soil dw (.)
PNEC sediment (freshwater)	1.09 mg/kg sedim. dw (.)
PNEC sediment (marine water)	0.109 mg/kg sedim. dw (.)
PNEC aqua (intermittent releases)	5 mg/L (.)

- **Additional information:** The lists that were valid during the compilation were used as basis.

- **8.2 Exposure controls**

- **Individual protection measures, such as personal protective equipment**

- **General protective and hygienic measures**

Take off all contaminated clothing immediately.

Wash hands during breaks and at the end of the work.

- **Breathing equipment:**

In case of brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.

- **Hand protection**



Protective gloves.

Only use chemical-protective gloves with CE-labelling of category III (EN 374).

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

(Contd. on page 7)

# Safety data sheet

## according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

Revision: 01.06.2025

**Trade name: Spal Pro RS-88 Part A Polyol**

(Contd. from page 6)

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.

- **Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye/face protection**



Tightly sealed safety glasses.

- **Body protection:**



Protective work clothing.

### SECTION 9: Physical and chemical properties

- **9.1 Information on basic physical and chemical properties**

- **General Information**

- **Physical state**

Liquid

- **Colour:**

According to product specification

- **Odour:**

Weak, characteristic

- **Odour threshold:**

Not determined.

- **Melting point/freezing point:**

Not determined

- **Boiling point or initial boiling point and boiling range**

&gt; 200 °C

- **Flammability**

Not applicable.

- **Lower and upper explosion limit**

- **Lower:**

Not determined.

- **Upper:**

Not determined.

- **Flash point:**

&gt; 190 °C

- **Auto-ignition temperature:**

Product is not selfigniting.

- **Decomposition temperature:**

Not determined.

- **SADT**

- **pH**

10 - 12

- **Viscosity:**

- **Kinematic viscosity**

Not determined.

- **dynamic:**

Not determined.

- **Solubility**

- **Water:**

mixable

- **Partition coefficient n-octanol/water (log value)**

Not determined.

- **Vapour pressure at 20 °C:**

&lt; 1.3 hPa

(Contd. on page 8)



# Safety data sheet

## according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

Revision: 01.06.2025

Trade name: Spal Pro RS-88 Part A Polyol

(Contd. from page 8)

### SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity** Based on available data, the classification criteria are not met.

- **LD/LC50 values that are relevant for classification:**

#### ATE (Acute Toxicity Estimates)

Oral	LD50	> 7,500 - < 50,000 mg/kg (Rat)
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#### 13463-67-7 titanium dioxide

Oral	LD50	> 5,000 mg/kg (Rat) (OECD 425)
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#### 5285-60-9 4,4'-methylenebis[N-sec-butylaniline]

Oral	LD50	> 300 - < 2,000 mg/kg (Rat)
Dermal	LD50	> 2,000 mg/kg (Rat) (OECD 402)

#### 872-50-4 N-methyl-2-pyrrolidone

Oral	LD50	4,150 mg/kg (Rat) (OECD 401)
Dermal	LD50	> 5,000 mg/kg (Rat) (OECD 402)
Inhalative	LC50	> 5.1 mg/l/4h (Rat) (OECD 403)
		Vapour

- **Primary irritant effect:**
- **Skin corrosion/irritation**  
The product contains low concentrations of acidic or alkaline substances that lead to an extreme pH. The specific concentration limits of these substances are undercut or the substances themselves are not classified as corrosive.  
Based on an expert assessment, a corrosive effect for the mixture can be ruled out.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** May cause an allergic skin reaction.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**

- **Repeated dose toxicity**

#### 872-50-4 N-methyl-2-pyrrolidone

Oral	NOAEL (90d)	169 mg/kg bw/day (Rat) (OECD 408)
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- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

### SECTION 12: Ecological information

- **12.1 Toxicity**

- **Aquatic toxicity:**

#### 13463-67-7 titanium dioxide

EC50	300 - 400 mg/l/96h (Daphnia magna)
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(Contd. on page 10)

**Safety data sheet**  
according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

Revision: 01.06.2025

**Trade name: Spal Pro RS-88 Part A Polyol**

(Contd. from page 9)

	> 100 mg/l/96h (Oncorhynchus mykiss) (OECD 203)
<b>5285-60-9 4,4'-methylenebis[N-sec-butylaniline]</b>	
EC50	0.21 mg/l/48h (Daphnia magna) (OECD 202)
LC50	> 0.61 mg/l/96h (Danio rerio) (OECD 203)
EC50	0.187 mg/l/72h (Raphidocelis subcapitata)
<b>872-50-4 N-methyl-2-pyrrolidone</b>	
EC50 (static)	> 1,000 mg/l/24h (Daphnia magna) (DIN 38 412-11)
LC50 (static)	> 500 mg/l/96h (Oncorhynchus mykiss)
EC50 (static)	600 mg/l/72h (Desmodesmus subspicatus) (DIN 38412-9)

- **12.2 Persistence and degradability** No further relevant information available.
- **Other information:** There are no data available about the preparation.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**  
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.

### SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**  
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.  
The waste code numbers mentioned are recommendations based on the probable use of the product.

- **European waste catalogue**

08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 04 00	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 09*	waste adhesives and sealants containing organic solvents or other hazardous substances
08 00 00	WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS
08 04 00	wastes from MFSU of adhesives and sealants (including waterproofing products)
08 04 15*	aqueous liquid waste containing adhesives or sealants containing organic solvents or other hazardous substances
HP10	Toxic for reproduction
HP14	Ecotoxic

(Contd. on page 11)

# Safety data sheet

## according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

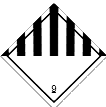



Revision: 01.06.2025

**Trade name: Spal Pro RS-88 Part A Polyol**

(Contd. from page 10)

- **Uncleaned packagings:**
- **Recommendation:**  
Dispose of packaging according to regulations on the disposal of packagings.  
Non contaminated packagings can be used for recycling.  
Packagings that cannot be cleaned are to be disposed of in the same manner as the product.

### SECTION 14: Transport information

<ul style="list-style-type: none"> <li>· <b>14.1 UN number or ID number</b></li> <li>· <b>ADR/RID, IMDG, IATA</b></li> </ul>	UN3082
<ul style="list-style-type: none"> <li>· <b>14.2 UN proper shipping name</b></li> <li>· <b>ADR/RID</b></li> <li>· <b>IMDG</b></li> <li>· <b>IATA</b></li> </ul>	3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (4,4'-methylenebis[N-sec-butylaniline]) ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (4,4'-methylenebis[N-sec-butylaniline]), MARINE POLLUTANT ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (4,4'-methylenebis[N-sec-butylaniline])
<ul style="list-style-type: none"> <li>· <b>14.3 Transport hazard class(es)</b></li> <li>· <b>ADR/RID</b></li> </ul>	<div style="display: flex; align-items: center; gap: 10px;">   </div>
<ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>	9 (M6) Miscellaneous dangerous substances and articles. 9
<ul style="list-style-type: none"> <li>· <b>IMDG, IATA</b></li> </ul>	<div style="display: flex; align-items: center; gap: 10px;">   </div>
<ul style="list-style-type: none"> <li>· <b>Class</b></li> <li>· <b>Label</b></li> </ul>	9 Miscellaneous dangerous substances and articles. 9
<ul style="list-style-type: none"> <li>· <b>14.4 Packing group</b></li> <li>· <b>ADR/RID, IMDG, IATA</b></li> </ul>	III
<ul style="list-style-type: none"> <li>· <b>14.5 Environmental hazards:</b></li> <li>· <b>Marine pollutant:</b></li> <li>· <b>Special marking (ADR/RID):</b></li> <li>· <b>Special marking (IATA):</b></li> </ul>	Symbol (fish and tree) Symbol (fish and tree) Symbol (fish and tree)
<ul style="list-style-type: none"> <li>· <b>14.6 Special precautions for user</b></li> <li>· <b>Kemler Number:</b></li> <li>· <b>EMS Number:</b></li> </ul>	Warning: Miscellaneous dangerous substances and articles. 90 F-A,S-F

(Contd. on page 12)

## Safety data sheet

### according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

Revision: 01.06.2025

**Trade name: Spal Pro RS-88 Part A Polyol**

(Contd. from page 11)

· <b>Stowage Category</b>	A
· <b>14.7 Maritime transport in bulk according to IMO instruments</b>	Not applicable.
· <b>Transport/Additional information:</b>	
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· <b>ADR/RID</b>	
· <b>Limited quantities (LQ)</b>	5L
· <b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· <b>Transport category</b>	3
· <b>Tunnel restriction code</b>	(-)
-----	
· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	5L
· <b>Excepted quantities (EQ)</b>	Code: E1 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 1000 ml
· <b>UN "Model Regulation":</b>	UN 3082 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (4,4'-METHYLENEBIS[N-SEC-BUTYLANILINE]), 9, III

### SECTION 15: Regulatory information

· **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

· **Directive 2012/18/EU**

· **Named dangerous substances - ANNEX I** None of the ingredients is listed.

· **Seveso category E2** Hazardous to the Aquatic Environment

· **Qualifying quantity (tonnes) for the application of lower-tier requirements** 200 t

· **Qualifying quantity (tonnes) for the application of upper-tier requirements** 500 t

· **REGULATION (EC) No 1907/2006 ANNEX XVII**

Taking into account the intended use as specified in section 1, the relevant entries from Annex XVII are carried out.

Consider restriction conditions of Annex XVII of Regulation No 1907/2006 No 72 for substances listed in column 1 Appendix 12:

1. Shall not be placed on the market after 1 November 2020 in any of the following:

- (a) clothing or related accessories;
- (b) textiles other than clothing which, under normal or reasonably foreseeable conditions of use, come into contact with human skin to an extent similar to clothing;
- (c) footwear; | if the clothing, related accessory, textile other than clothing or footwear is for use by consumers and the substance is present in a concentration, measured in homogeneous material, equal to or greater than that specified for that substance in Appendix 12.

2. By way of derogation, in relation to the placing on the market of formaldehyde [CAS No 50-00-0] in jackets, coats or upholstery, the relevant concentration for the purposes of paragraph 1 shall be 300 mg/kg during the period between 1 November 2020 and 1 November 2023. The concentration specified in Appendix 12 shall apply thereafter.

3. Paragraph 1 shall not apply to:

- (a) clothing, related accessories or footwear, or parts of clothing, related accessories or footwear, made exclusively of natural leather, fur or hide;

(Contd. on page 13)

## Safety data sheet

### according to Regulation (EC) No 1907/2006, Article 31

Printing date 10.06.2025

Version number 1

Revision: 01.06.2025

**Trade name: Spal Pro RS-88 Part A Polyol**

(Contd. from page 12)

- (b) non-textile fasteners and non-textile decorative attachments;
- (c) second-hand clothing, related accessories, textiles other than clothing or footwear
- (d) wall-to-wall carpets and textile floor coverings for indoor use, rugs and runners.

4. Paragraph 1 shall not apply to clothing, related accessories, textiles other than clothing, or footwear within the scope of Regulation (EU) 2016/425 of the European Parliament and of the Council or Regulation (EU) 2017/745 of the European Parliament and of the Council.

5. Paragraph 1(b) shall not apply to disposable textiles. 'Disposable textiles' means textiles that are designed to be used only once or for a limited time and are not intended for subsequent use for the same or a similar purpose.

6. Paragraphs 1 and 2 shall apply without prejudice to the application of any stricter restrictions set out in this Annex or in other applicable Union legislation.

7. The Commission shall review the exemption in paragraph 3(d) and, if appropriate, modify that point accordingly.

Conditions of restriction: 71, 72

· **DIRECTIVE 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment – Annex II**

None of the ingredients is listed.

· **REGULATION (EU) 2019/1148**

· **Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

· **Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

· **Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

· **Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

· **National regulations**

· **Water hazard class:**

· **Substances of very high concern (SVHC) according to REACH, Article 57**

872-50-4 | N-methyl-2-pyrrolidone

· **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### **SECTION 16: Other information**

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This safety data sheet meets the requirements of Regulation (EU) 2015/830 and 2020/878 amending Annex II of Regulation (EC) 1907/2006.

This data sheet takes into account the labelling requirements of Regulation (EU) 2024/197 adapting Regulation (EC) No 1272/2008 (21st ATP of the CLP Regulation).

(Contd. on page 14)

# Safety data sheet

## according to Regulation (EC) No 1907/2006, Article 31

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Version number 1

Revision: 01.06.2025

**Trade name: Spal Pro RS-88 Part A Polyol**

(Contd. from page 13)

· **Relevant phrases**

The phrases specified here are no labelling elements for the product but repeat the properties of the ingredients from section 3.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H319 Causes serious eye irritation.

H335 May cause respiratory irritation.

H351 Suspected of causing cancer.

H360D May damage the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

· **Classification according to Regulation (EC) No 1272/2008** Calculation method

· **Department issuing data specification sheet:**



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· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

DNEL: Derived No-Effect Level (REACH)

PNEC: Predicted No-Effect Concentration (REACH)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern

vPvB: very Persistent and very Bioaccumulative

ATE: Acute toxicity estimate values

Acute Tox. 4: Acute toxicity – Category 4

Skin Irrit. 2: Skin corrosion/irritation – Category 2

Eye Irrit. 2: Serious eye damage/eye irritation – Category 2

Skin Sens. 1: Skin sensitisation – Category 1

Carc. 2: Carcinogenicity – Category 2

Repr. 1B: Reproductive toxicity – Category 1B

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2

Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1

Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1

Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2